		Aeronautics Educa	
		2005 Mathem	
Nauth Dalasta Mathaus		Content and Achievem	nent Standards
North Dakota Mathem Grade 2	atics		
	State	Standards	
Activity/Lesson	State	Standards	Estimate and measure length to the nearest
Air Engines (12-16)	ND	MA.2.2.4.7	inch, half-inch, foot, or centimeter
All Eligines (12-10)	IND	IVIA.2.2.4.1	Compare and order given lengths, capacities,
			weights, or temperatures that are expressed in
Air Engines (12-16)	ND	MA.2.2.4.9	the same unit of measure
7th Engines (12 10)	NO	IVI (.Z.Z.+.0	Formulate and answer simple questions from
Rotor Motor (69-75)	ND	MA.2.2.3.3	data represented by graphs
rtotor motor (00 70)	NO	1417 (.2.2.0.0	data represented by graphs
Flight: Interdisciplinary			
Learning Activities (76-			
79)	ND	MA.2.2.1.1	Count and order numbers up to 1,000
We Can Fly, You and		1777 (12.12.11.1	Count and order name ore up to 1,000
I: Interdisciplinary			Select the appropriate units for measuring time,
Learning (107-108)	ND	MA.2.2.4.11	length, weight, and temperature
Paper Bag Mask (23-			Estimate and measure length to the nearest
28)	ND	MA.2.2.4.7	inch, half-inch, foot, or centimeter
Wind in Your Socks)			Estimate and measure length to the nearest
(29-35)	ND	MA.2.2.4.7	inch, half-inch, foot, or centimeter
,			Compare and order given lengths, capacities,
Wind in Your Socks)			weights, or temperatures that are expressed in
(29-35)	ND	MA.2.2.4.9	the same unit of measure
Wind in Your Socks)			Select the appropriate units for measuring time,
(29-35)	ND	MA.2.2.4.11	length, weight, and temperature
			Compare and order given lengths, capacities,
			weights, or temperatures that are expressed in
Right Flight (52-59)	ND	MA.2.2.4.9	the same unit of measure
			Compare and order given lengths, capacities,
Delta Wing Glider (60-			weights, or temperatures that are expressed in
68)	ND	MA.2.2.4.9	the same unit of measure
		Aeronautics Educa	
		2005 Mathem	
Month Delegas 4		Content and Achievem	nent Standards
North Dakota Mathem	iatics		
Grade 3	Ctoto	040	
Activity/Lesson	State	Standards	Cating at a good management to the management half to the
Air Engines (40.46)	ND	MA 2 2 4 5	Estimate and measure to the nearest half inch
Air Engines (12-16)	ND	MA.3.3.4.5	or centimeter
Air Engines (12-16)	ND	MAY 2 2 4 0	Select a variety of tools for measuring length,
Plan to Fly There (97-	טאו	MA.3.3.4.8	weight, and capacity
106)	ND	MA.3.3.4.2	Determine elansed time by the hour
We Can Fly, You and	טאו	IVIA.3.3.4.2	Determine elapsed time by the hour
I: Interdisciplinary			
Learning (107-108)	ND	MA.3.3.4.2	Determine elapsed time by the hour
Learning (107-100)	עאון	IVI/A.J.J.4.Z	Determine elapsed time by the noti

Paper Bag Mask (23-			Estimate and measure to the nearest half inch			
28)	ND	MA.3.3.4.5	or centimeter			
Paper Bag Mask (23-			Select a variety of tools for measuring length,			
28)	ND	MA.3.3.4.8	weight, and capacity			
,			Use a simple probability experiment to collect			
Wind in Your Socks)			data, display the data in a graph, and interpret			
(29-35)	ND	MA.3.3.3.5	the likelihood of the outcome			
( )						
Aeronautics Educator Guide						
		2005 Mathen				
		Content and Achieven	nent Standards			
North Dakota Mathen	natics					
Grade 4	04-4-	Otom do udo				
Activity/Lesson	State	Standards				
Air Francis (40, 40)	ND		Estimate and measure length to the nearest			
Air Engines (12-16)	ND	MA.4.4.2	quarter inch			
D-4 M-4 (00.75)	ND	NAA 4 4 0 0	Organize and display data in line graphs and			
Rotor Motor (69-75)	ND	MA.4.4.3.3	circle graphs			
			Read, interpret, and generate questions from			
D-4 M-4 (00.75)	ND		data displayed in graphs; i.e., line graphs and			
Rotor Motor (69-75)	ND	MA.4.4.3.4	circle graphs			
Plan to Fly There (97-	ND	NAA A A A E	Apply the concept of elapsed time; i.e.,			
106)	ND	MA.4.4.5	schedules and calendars			
We Can Fly, You and			Apply the concept of clansed times is			
I: Interdisciplinary	ND	MA.4.4.4.5	Apply the concept of elapsed time; i.e., schedules and calendars			
Learning (107-108)	IND	IVIA.4.4.3	scriedules and calendars			
Dunked Napkin (17-22)	ND	MA.4.4.3.2	Collect and record data			
Dunked Napkin ( 17-	IND	IVIA.4.4.3.2	Make predictions and draw conclusions from			
22)	ND	MA.4.4.3.9	simple probability experiments			
Paper Bag Mask (23-	IND	IVIA.4.4.3.8	Make predictions and draw conclusions from			
28)	ND	MA.4.4.3.9	simple probability experiments			
Paper Bag Mask (23-	IND	IVI/A.T.T.3.3	Estimate and measure length to the nearest			
28)	ND	MA.4.4.4.2	quarter inch			
Wind in Your Socks)	IND	101/1.7.7.7.2	quarter men			
(29-35)	ND	MA.4.4.3.2	Collect and record data			
Wind in Your Socks)	IND	1017.4.4.5.2	Organize and display data in line graphs and			
(29-35)	ND	MA.4.4.3.3	circle graphs			
(20-00)	IND	1017.4.4.0.0	Read, interpret, and generate questions from			
Wind in Your Socks)			data displayed in graphs; i.e., line graphs and			
(29-35)	ND	MA.4.4.3.4	circle graphs			
(== 00)		1VII 1.7.7.0.7	Make predictions and draw conclusions from			
Right Flight (52-59)	ND	MA.4.4.3.9	simple probability experiments			
Delta Wing Glider (60-		1717 (. 1. 1. 0.0	Make predictions and draw conclusions from			
68)	ND	MA.4.4.3.9	simple probability experiments			
· · ·	. 10	1717 (.7.7.0.0	omipio probability experiments			